



1.64360

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Sato et al.)

Serial No. 09/581,468)

Confirmation No.: 9963)

Filed: June 12, 2000)

For: MAGNETIC SENSOR, MAGNETIC)
HEAD, MAGNETIC ENCODER AND)
HARD DISK DEVICE)

Art Unit: 2627)

Examiner: Blouin, Mark S.)

) I hereby certify that this paper is being deposited with the
) United States Postal Service as FIRST-CLASS mail in an
) envelope addressed to: Mail Stop ISSUE FEE,
) Commissioner for Patents, PO Box 1430, Alexandria, VA
) 22313-1450, on this date.

September 7, 2006

Date

F-CLASS.WCM
Date Filed: 10/10/02

Registration No. 47,954

Attorney for Applicant

**FOURTH REQUEST FOR ACKNOWLEDGMENT OF
CONSIDERATION OF AN INFORMATION DISCLOSURE STATEMENT**

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants still yet again respectfully request acknowledgment of the Information Disclosure Statement ("IDS") filed on June 2, 2002 and resubmitted for consideration on both January 17, 2005 and September 17, 2005. Courtesy copies of the originally filed IDS, Form PTO-1449, and the return postcard (indicating receipt by the Patent and Trademark Office), as well both resubmissions are enclosed.

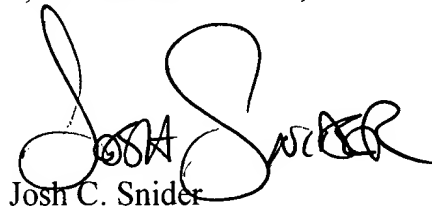
To date, no acknowledgement of the IDS has been given, and no reason has been given for this repeated refusal. Applicants again request such acknowledgment of consideration in the form of an initialed copy of the Information Disclosure Citation (Form PTO-1449).

Should there be any questions regarding this paper, the Examiner is invited to contact the undersigned attorney at the number listed below.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By

A handwritten signature in black ink, appearing to read "Josh C. Snider". The signature is stylized with large, flowing loops.

Josh C. Snider
Registration No. 47,954

Customer No. 24978

September 7, 2006

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315
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In Re U.S. Patent Application

Sato et al.

Serial No. 09/581,468; Filed June 12, 2000

For: MAGNETIC SENSOR, MAGNETIC HEAD ...

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January 17, 2005

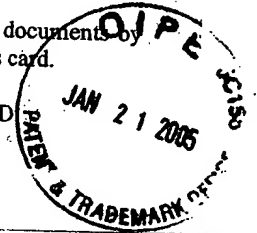
Enclosed is a Transmittal (in duplicate); Request for Continued Examination (in duplicate) with a check for \$790.00; Resubmission of Information Disclosure Statement (with a copy of Form PTO 1449 originally submitted 6/20/2002 and return postcard stamped received by PTO 6/24/2002, Revised Form PTO-1449 and copies of English language abstracts of cited Japanese references); Submission of Revised Information Disclosure Statement (with a marked-up copy of Form PTO-1449 originally submitted 6/12/2000, Revised Form PTO-1449 and copies of English language abstracts of cited Japanese references); and Certificate of First Class Mailing.

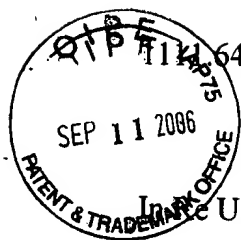
Commissioner for Patents

Please acknowledge receipt of the above identified documents by applying the Patent and Trademark Office receipt hereto and mailing this card.

Respectfully,

GREER, BURNS & CRAIN, LTD





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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In U.S. Patent Application

Applicant: Sato et al.

Serial No. 09/581,468

Confirmation No.: 9963

Filed: June 12, 2000

For: MAGNETIC SENSOR...

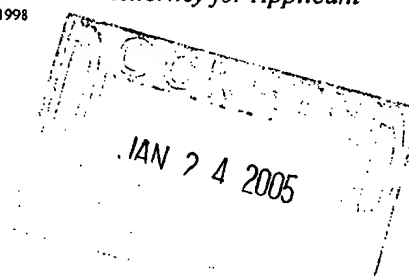
Art Unit: 2653

Examiner: Blouin, Mark S.

)
) I hereby certify that this paper is being deposited with the
) United States Postal Service as FIRST-CLASS mail in an
) envelope addressed to: Mail Stop RCE, Commissioner for
) Patents, PO Box 1450, Alexandria, VA 22313-1450, on this
) date.

January 17, 2005

Date

F-CLASS.WCM
Appr. February 20, 1998Registration No. 47,954
Attorney for ApplicantRESUBMISSION OF INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, Applicants through counsel
herewith again submit copies of the publications as set forth in the attached Form PTO-1449
as follows:

U.S. PATENT DOCUMENTS

<u>DOCUMENT NO.</u>	<u>PATENTEE</u>	<u>PUBLICATION DATE</u>
5,206,590	Dieny et al.	April 27, 1993
5,650,958	Gallagher et al.	July 22, 1997



COPY

FOREIGN PATENT DOCUMENTS

<u>DOCUMENT NO.</u>	<u>COUNTRY</u>	<u>PUBLICATION DATE</u>
8-21166	Japan	March 4, 1996
9-106514	Japan	April 22, 1997
9-251618	Japan	September 22, 1997
9-282616	Japan	October 31, 1997
10-4227	Japan	January 6, 1998
59-195312	Japan	November 6, 1984
5-250631	Japan	September 28, 1993
63-229609	Japan	September 26, 1988

REMARKS

COPY

Applicants again respectfully request that the Examiner consider the above-listed references in the examination of this Application, and list these references of record in the Application as well. All of these references had previously been submitted in a timely manner, yet the Examiner has apparently refused to consider them without explanation. Enclosed is a copy of the Form PTO-1449, signed by the Examiner and dated July 23, 2002. Also enclosed is a copy of the return postcard, stamped by the Patent Office June 24, 2002, indicating that the previous Information Disclosure Statement, Form PTO-1449, and copies of all of the cited references were all received. These same references are again submitted for consideration, exactly as before. The only difference between the resubmitted Form PTO-1449 and the one previously submitted by Applicants is that the present Form more correctly indicates English language Abstracts of the references are provided (as they were also provided before).

Because all of these references were originally correctly and timely submitted, and because the Examiner has provided no explanation for his refusal to consider these submitted references, Applicants submit that no additional fees should be necessary to have these references considered new. The Patent Office is authorized, however, to charge any fees necessary to have this Paper entered to account 07-2069.

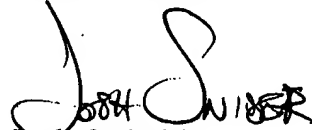
COPY

Applicants request that the Examiner acknowledge consideration of all of these references by returning an initialed form of the attached Form PTO-1449.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Josh C. Snider

Registration No. 47,954

Customer No. 24978

January 17, 2005

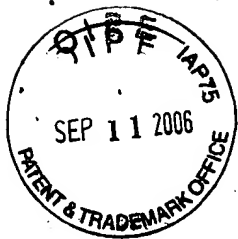
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In re Patent Application of
Sato et al.
MAGNETIC SENSOR, MAGNETIC HEAD...
Serial No. 09/581,468
Asst. Comm. for Patents



PATENT
1111.64360
PGB:clt
June 20, 2002

Enclosed is a Transmittal (in duplicate) (in duplicate) Information Disclosure Statement; PTO
Form 1449 (with copies of cited references); and Certificate of First Class

COPY

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INTERNATIONAL DISCLOSURE CITATION (MPEP 609)		Application No. 11/163,160 Applicant: Sato et al. Filing Date: 11/27/2001	Serial No. 09/581,468 Group 2653
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U.S. PATENT DOCUMENTS

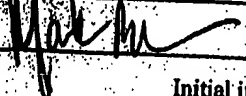
Serial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,200,590	April 27, 1993	Diery et al.			
	5,650,958	July 22, 1997	Gallagher et al.			

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 JUN 27 2002
 Technology Center 2600

FOREIGN PATENT DOCUMENTS

Serial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	8-21166	March 4, 1996	Japan				
	9-106514	April 22, 1997	Japan				
	9-251618	Sept. 22, 1997	Japan				
	9-282616	Oct. 23, 1997	Japan				
	10-4227	Jan. 6, 1998	Japan				
	59-195342	Jan. 6, 1984	Japan				
	25063	Sept. 29, 1993	Japan				
	63-229687	Sept. 26, 1988	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner: 	Date Considered: 7/23/02
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

COPY

Form PTO-1449
(Rev. 8-88)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 1111.64360

Serial No. 09/581,468

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Sato et al.

Filing Date: June 12, 2000

Group: 2653

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,206,590	April 27, 1993	Dieny et al.			
	5,650,958	July 22, 1997	Gallagher et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	8-21166	March 4, 1996	Japan			X*	
	9-106514	April 22, 1997	Japan			Abs.	
	9-251618	Sept. 22, 1997	Japan			Abs.	
	9-282616	Oct. 31, 1997	Japan			Abs.	
	10-4227	Jan. 6, 1998	Japan			X**	
	59-195312	Nov. 6, 1984	Japan			Abs.	
	5-250631	Sept. 28, 1993	Japan			Abs.	
	63-229609	Sept. 26, 1988	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* JP 8-21166 corresponds to U.S. 5,206,590

** JP 10-4227 corresponds to U.S. 5,650,958